

Listing of Claims:

- 1-127. (Canceled)
128. (Currently Amended) An isolated nucleic acid having ~~within its structure at least 15 consecutive nucleotides and encoding an antigenic fragment of prostate-specific membrane antigen, wherein the fragment has a sequence which is the same as a~~ sequence of all of an outside region of prostate-specific membrane antigen, the amino acid sequence of which ~~outside region~~ is set forth within SEQ ID NO:2 beginning with an amino acid corresponding to the amino acid number 45 at ~~the~~ its amino terminus and ending with an amino acid corresponding to the amino acid number 750 at ~~the~~ its carboxy terminus.
129. (Currently Amended) The isolated nucleic acid of claim 128, ~~wherein the nucleic acid has a sequence~~ of which is present within the sequence set forth in SEQ ID NO:1 beginning with a nucleotide corresponding to nucleotide number 394 at its 5' end and ending with a nucleotide corresponding to nucleotide number 2511 at its 3' end.